Index of Claims

| Application/Control | No. |
|---------------------|-----|
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Applicant(s)/Patent under Reexamination

10/018,177 Examiner

ARNTZ ET AL. Art Unit

Rabon Sergent

1711

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected Ν Interference

Appeal Α 0 Objected

| Cli        | aim      | Date     |  |          |  |              | <br>Cla        | Claim Date   |           |   |       |          |                 | <br> :::::         |           | aim   | Date                                    |              |           |          |       |       |            |          |           |          |          |          |          |          |          |          |
|------------|----------|----------|--|----------|--|--------------|----------------|--|-----------|---|-------|----------|-----------------|--------------------|-----------|---|---|--------------|-----------|----------|-------|-------|------------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|
| — <u>—</u> |          | +-       | Т  | Г        | Т                                      | T            | Ť              | Т  | Г         |   | -01   |          | Н               | Т.                 |           | Ť   | T                                       | Т            |           |          |       |       |            | $\vdash$ | П         |          | $\Box$   | Jaco     |          |          |          | Н        |
| Final      | Original | 7/21/05  |  |          |  |              |                |  |           |   | Final | Original |                 |                    |           |   |   |              |           |          |       | Final | Original   |          |           |          |          |          |          |          |          |          |
| Œ          | ō        | 712      |  |          |  |              |                |  |           |   | Ξ     | ō        |                 |                    | Ì         |   |   |              |           |          |       | ίΞ    | o<br>Ži    |          |           |          |          |          |          | :        |          |          |
|            | T        |          | T  |          | T                                      | 1            | $\top$         | $\vdash$   |           |   |       | 51       |                 |                    | $\top$    | $\top$  | T                                       | +            | H         |          |       |       | 101        |          | $\Box$    | _        |          | _        |          |          |          |          |
|            | 2        |          |  |          | 1                                      |              | T              | Т  |           |   |       | 52       | П               |                    | 寸         | ╅   | 1                                       |              | П         |          |       |       | 102        |          | П         |          |          |          |          |          | T        |          |
| _          | 3        |          |  |          | 1                                      | T            | 1              |  |           |   |       | 53       |                 | $\neg$             | 十         | 十   | 1                                       | 1            |           |          |       |       | 103        |          | П         |          | П        |          |          |          |          |          |
|            | 4        | 1        |  |          |  |              | 1              |  | Г         |   |       | 54       |                 |                    | $\top$    |   | T                                       |              | Ħ         |          |       |       | 104        |          | П         |          |          |          |          |          |          |          |
|            | 1        |          | T  |          | Г                                      |              | T              |  |           |   |       | 55       |                 | T                  | $\top$    | $\top$  | T                                       |              | П         |          |       |       | 105        |          |           |          |          |          |          |          |          |          |
|            | <b>B</b> |          |  |          | Π                                      |              |                |  |           |   |       | 56       | П               |                    | T         | ┪   | $\top$                                  |              | П         |          |       |       | 106        |          |           |          |          |          |          |          |          |          |
|            | 7        |          | Π  |          |  |              |                |  |           |   |       | 57       | П               |                    | $\exists$ | T   | T                                       |              | П         |          |       |       | 107        |          |           |          |          |          |          |          |          |          |
|            | В        |          |  |          |  |              |                |  | Г         |   |       | 58       |                 |                    |           |   |   |              | П         |          |       |       | 108        |          |           |          |          |          |          |          |          |          |
|            | 9        |          |  |          |  |              |                |  |           |   |       | 59       |                 |                    |           |   |   |              |           |          |       |       | 109        |          |           |          |          |          |          |          |          |          |
|            | 10       |          | L  |          |  | L            |                |  |           |   |       | 60       |                 |                    |           |   |   |              |           |          |       |       | 110        |          |           |          |          |          |          |          |          |          |
| 1          | 11       | =        | $\perp$  | _        |  |              |                |  |           |   |       | 61       |                 |                    |           | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   |              | $\Box$    |          |       |       | 111        |          |           |          |          |          |          |          |          |          |
| 2          | 12       | =        | $oxed{oxed}$                                     | _        | $\perp$                                | $\perp$      | _              | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | <u></u>   |   |       | 62       | Ш               |                    |           |   |   |              | $\square$ |          |       |       | 112        |          |           |          |          |          |          |          |          |          |
| 3          | 13       | =        | _  |          | 1_                                     | _            |                |  | _         |   |       | 63       | Ш               |                    |           | L   | L                                       |              | Ш         |          |       |       | 113        |          |           |          |          |          |          |          |          |          |
| 4          | 14       | =        | <u> </u>   | <u> </u> | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | _            | $\perp$        | <u> </u>   |           |   |       | 64       | Ш               |                    |           |   | لــــــــــــــــــــــــــــــــــــــ |              | Ш         |          |       |       | 114        |          |           |          |          |          |          |          |          |          |
| 5          | 15       | Ξ        | ऻ_   | <u> </u> | _                                      | _            | ╄              | ऻ_   | <u> </u>  |   |       | 65       | Ш               | $\perp$            | 丄         |   | $\perp$                                 | $\perp$      | Ш         |          |       |       | 115        | Ш        |           |          |          |          |          |          |          |          |
| 6          | 16       | =        | ļ.,  | <u> </u> | <u> </u>                               | _            | $\perp$        | $\vdash$   | <u> </u>  | _ |       | 66       | Ц               | 4                  | $\perp$   |   | $\bot$                                  |              | Ш         |          |       |       | 116        | Ш        | Ш         |          |          |          | Ш        | ļ        |          | $\Box$   |
| 7          | 17       | =        | _  | L.       | <u> </u>                               | 1_           | $\perp$        | <u> </u>   |           |   |       | 67       | Ш               | 4                  | 4         | _ _   | 4                                       |              | Ш         |          |       |       | 117        | Ш        |           | _        |          |          |          | _        |          |          |
| 8          | 18       | =        | <u> </u>   | <u> </u> |  | ╄            | ┷              | _  |           |   |       | 68       | Ш               | _                  | _         | _ _   | 4                                       |              | Ш         |          |       |       | 118        | Ш        | $\dashv$  | _        |          |          |          | _        | _        |          |
| 9          | 19       | =        | _  | L.       | ↓_                                     | ╄            | $\bot$         | $oxed{igspace}$  | L         |   |       | 69       |                 | _                  | 4         | _   | 4                                       |              | Щ         |          |       |       | 119        | Ш        |           | _        |          |          |          | _        |          |          |
| 10         | 20       | =        | ↓_   |          | ⊢                                      | ↓_           | <del> </del> - | L.   | _         |   |       | 70       | $\sqcup$        | -                  | 4         | _   | $\bot$                                  |              | $\sqcup$  |          |       |       | 120        |          |           | _        | $\Box$   | _        |          | _        | _        | _        |
| 11         | 21       | =        | <u> </u>   | _        | ┡                                      |              | +-             | $\vdash$   | _         |   |       | 71       |                 | _                  | 4         | $\bot$  | $\perp$                                 | <u> </u>     |           |          |       |       | 121        |          |           | _        |          |          |          | $\dashv$ | _        | _        |
| 12         | 22       | =        | -  | _        | ⊢                                      | ┼-           | ┼              | ⊢  | _         |   |       | 72       |                 | _                  | _         | 4   | +                                       | <del> </del> |           |          |       |       | 122        | L        | $\sqcup$  | _        |          | _        |          | 4        | _        | _        |
|            | 23       | ├        | ┝  |          | ⊢                                      | ├            | ╄              | -  | H         |   |       | 73       | $\vdash$        | _                  | +         | +   | +                                       | 4            | _         |          |       |       | 123        | Ш        |           | _        | _        | _        |          |          | _        | _        |
|            | 24       | ⊢        | ⊢  | _        | -                                      | ╁            | ╀              | <u> </u>   |           |   |       | 74       | $\vdash \vdash$ | $\dashv$           | -         | -   | -                                       | 1            | _         | _        |       |       | 124        |          |           | _        | _        |          |          | _        | _        | _        |
|            | 25<br>26 | ⊢        | $\vdash$   | -        | -                                      | ╀            | +              | ⊢  | H         |   |       | 75       | $\vdash$        | -                  | -         | -   | +                                       | $\perp$      | $\dashv$  |          |       |       | 125        | Н        | -         |          | _        | _        | _        | -        |          |          |
|            | 27       |          | ┢┈   |          | ╀                                      | ╁            | ╁              | ┢  | ļ         |   |       | 76<br>77 |                 |                    | -         | +   | ╬                                       | -            |           | $\dashv$ |       |       | 126        | $\vdash$ | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _        |          | 긕        |
| <u> </u>   | 28       |          | ╁  |          | ╌                                      | ╁            | ╁              | -  | ┝         |   |       | 78       | $\dashv$        |                    | +         | +   | +                                       | +            |           | $\dashv$ |       |       | 127        | -        |           | $\dashv$ | $\dashv$ |          |          |          | $\dashv$ | $\dashv$ |
|            | 29       |          | <del>                                     </del> |          | ╁                                      | +            | ╁╌             | $\vdash$   | ┝         | _ |       | 79       | $\vdash$        |                    | +         | +   | ╁                                       | ╁            | -         | $\dashv$ |       |       | 128<br>129 |          |           | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 30       |          | <del>                                     </del> | _        | ╁                                      | $\vdash$     | +-             | -  |           |   |       | 80       |                 | -                  | +         | ╁   | ╁                                       | +            | Н         | $\dashv$ |       |       | 130        | $\vdash$ |           | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ |          |
|            | 31       | $\vdash$ | $\vdash$   |          | H                                      | +            |                | <del>                                     </del>   | Н         | _ |       | 81       |                 | _                  | +         | +   | +                                       | 1-           |           | $\dashv$ |       |       | 131        |          | +         | $\dashv$ | $\dashv$ |          |          |          | $\dashv$ |          |
|            | 32       |          | $\vdash$   |          | $\vdash$                               | t            | +              |  | H         |   |       | 82       | -               | +                  | +         | +   | +                                       | +            |           | $\dashv$ |       | -     | 132        |          |           | $\dashv$ |          |          |          | -        | $\dashv$ |          |
|            | 33       |          | $\vdash$   |          | <u> </u>                               | t            | t              | <del>                                     </del>   | $\vdash$  | _ |       | 83       | $\dashv$        | _                  | +         | +   | +                                       | +            |           | ᅥ        |       |       | 133        |          |           | 一        |          |          | -        | -        | $\dashv$ |          |
|            | 34       |          |  |          | <u> </u>                               | T            |                |  | П         |   |       | 84       | 一十              |                    | $\top$    | +   | $\dagger$                               | $\vdash$     | $\neg$    | ᅥ        |       |       | 134        |          |           | $\dashv$ | _        | -        |          | +        | 一        | _        |
|            | 35       |          |  |          | İ                                      | Т            | T              | _  |           |   |       | 85       |                 |                    | $\top$    | +   | $\top$                                  | 1            | $\dashv$  | $\dashv$ |       |       | 135        |          |           | 寸        | $\dashv$ | _        |          |          | -        | $\neg$   |
|            | 36       |          |  |          |  | T            |                |  |           |   |       | 86       | T               | _                  | +         | $\top$  | $\top$                                  | H            | $\dashv$  | ヿ        |       |       | 136        |          |           | 寸        | $\neg$   |          |          | 7        | $\dashv$ | $\dashv$ |
|            | 37       |          |  |          |  | T            |                |  |           |   |       | 87       | T               | _                  | T         | ┪   | +                                       | Ħ            |           | ᅦ        |       |       | 137        |          |           | 一        |          |          | $\dashv$ | 7        | 寸        | _        |
|            | 38       |          |  |          |  | Т            |                |  |           |   |       | 88       |                 |                    | ┪         | _   | 1                                       | $\Box$       | $\neg$    | ╗        |       |       | 138        |          |           | $\neg$   | $\dashv$ | 寸        | 寸        | 寸        | ヿ        | $\neg$   |
|            | 39       |          |  |          |  |              |                |  |           |   |       | 89       |                 |                    | T         |   |   |              | $\Box$    | ヿ        |       |       | 139        |          |           |          | T        |          | $\neg$   |          | T        | ᅱ        |
|            | 40       |          |  |          |  |              |                |  |           |   |       | 90       |                 | $\top$             | $\top$    |   |   | П            | $\neg$    | $\neg$   |       |       | 140        |          | _         | $\dashv$ |          | $\neg$   | $\neg$   | _        | 寸        | ヿ        |
|            | 41_      |          |  |          | $\Box$                                 |              |                |  |           |   |       | 91       |                 |                    | $\top$    |   | T                                       |              |           | $\neg$   |       |       | 141        |          |           |          | ı        |          | $\neg$   | $\neg$   | ┪        | $\dashv$ |
|            | 42       |          |  |          |  |              |                |  |           |   |       | 92       |                 |                    |           |   |   |              |           |          |       |       | 142        |          |           |          |          |          |          | _        | T        | $\neg$   |
|            | 43       |          |  |          |  | 匚            |                |  |           |   |       | 93       |                 | $\Box$             |           |   | $oldsymbol{\mathbb{T}}$                 |              |           |          |       |       | 143        |          |           |          |          |          |          |          |          | $\neg$   |
|            | 44       | 匚        | Ш  |          | 匚                                      |              |                |  |           |   |       | 94       |                 | $oxed{\mathbb{I}}$ |           | $oldsymbol{ol}}}}}}}}}}}}}} $   |   |              |           |          |       |       | 144        |          |           |          |          |          |          |          | Ī        | $\Box$   |
|            | 45       | L        | <u> </u>   |          | <u> </u>                               | L            | $\perp$        | Ш  |           |   |       | 95       |                 |                    |           |   |   |              |           |          |       |       | 145        |          | $\Box$    | $\Box$   |          | $\Box$   |          |          |          |          |
|            | 46       | L_       |  |          | L                                      | _            | 1              | Ш  | Ш         | _ |       | 96       |                 | _                  | $\perp$   |   |   | Ш            |           | _]       |       |       | 146        |          | $\Box$    | $\Box$   |          |          |          | $\Box$   |          |          |
|            | 47       | <u> </u> | Щ  |          | L                                      | 1            | <u> </u>       | Ш  | Ш         | _ |       | 97       |                 | $\perp$            | ┵         | 1   |   | $\sqcup$     |           |          |       |       | 147        |          |           |          |          |          |          | $\Box$   |          | $\Box$   |
| $\sqcup$   | 48       | <u> </u> | Ш  |          | L_                                     | <b>—</b>     | ↓_             | Щ  | Ш         |   |       | 98       |                 | _                  | 4         |   | 4_                                      | $\sqcup$     | _         |          |       |       | 148        |          |           |          |          | $\Box$   | $\Box$   | [        |          |          |
| <b>  </b>  | 49       | <u> </u> | Щ  |          | -                                      | <del> </del> | $\vdash$       | Ш  | $\square$ | _ |       | 99       | $\sqcup$        | _                  | $\perp$   | ┸   | 1                                       | $\sqcup$     | _         | ,        |       |       | 149        | $\Box$   | $\perp$   | _        | _        |          | $\perp$  | $\perp$  | _[       |          |
|            | 50       | L        | L  |          |  |              | <u> </u>       |  |           |   |       | 100      |                 |                    |           |   |   |              |           |          | ::::[ |       | 150        |          | $\perp 1$ |          |          |          |          |          |          |          |